

AUTHOR INDEX

Annual Index 2005

A

Abu-Serriah M, 48
Adams N, 128
Agamy HA, 192
Aimetti M, 377
Akaçan T, 386
Akarslan ZZ, 316
Akashi A, 114
Akkaya M, 56
Alfie D, 162
Alfthan G, 172
Al-Harbi SA, 331
Al-Hawajri AAN, 167
Ali HM, 147
Allara FW Jr, 155
Allemang JD, 164
Alley BS, 107
Alley LW, 107
Alsaadi G, 123
Aquilino SA, 371
Arcuri C, 90
Arheart KL, 363
Arici S, 205
Armstrong C, 22
Arslan A, 140
Asa R, 134
Assad AS, 312
Assael LA, 266
Attin T, 360
August MA, 306
Auluck A, 280
Avontroodt P, 46

B

Baca P, 101
Badaway MM, 312
Badel T, 32
Badovinac RL, 53
Bae K-S, 171
Baek S-H, 171
Bailey W, 68
Bakry NS, 192
Bales DJ, 43
Balshi TJ, 18
Baqain ZH, 81
Bare LC, 230
Barlattani A, 90
Barr A, 369
Barron T, 125
Barros RRM, 248

Bartels LL, 191
Basa S, 140
Başoğlu T, 185
Basrani B, 204
Batenburg RHK, 60
Baumgartner JC, 57
Becker CM, 109
Becker PJ, 373
Beirne OR, 307, 342
Bergdahl M, 251
Berkey DB, 4
Berkowitz RJ, 260
Berlin J, 353
Bernhardt O, 367
Bertelli E, 107
Bertini F, 352
Bertoli E, 287
Bhat KS, 280
Biber CL, 357
Bogren A, 249
Bolhuis HPB, 303
Boltchi FE, 120
Bonetti GA, 25
Bössmann K, 294
Brander P, 319
Bravo M, 101
Brochut P, 378
Broffitt B, 119, 256
Brown SA, 277
Brudvik JS, 29
Bsoul SA, 26
Bürklin T, 387
Burt BA, 315
Butterworth CJ, 86
Byck GR, 73

C

Campos LC, 117
Campus G, 235
Canbek K, 100
Caniklioglu C, 309
Carboni R, 235
Carlino P, 311
Carneiro E, 284
Caso A, 307
Castaldi CR, 150
Castellano JB, 311
Çelilk Ç, 231
Ceylan G, 185
Chai J, 35
Chambers MS, 308

Champagne CME, 52
Chang DJ, 121
Charles CH, 191
Chee WWL, 257
Cheng B, 51
Chen S-K, 384
Chen X-M, 143
Cherney K, 300
Cheung WS, 166
Cho GC, 257
Chu FCS, 35
Cilli R, 240
Claffey E, 117
Clark CI, 277
Clark S, 358
Clayton JA, 80
Cleland J, 190
Cobankara FK, 187
Coccia E, 227
Cochran DL, 45
Coll JA, 55
Colquhoun AN, 115
Cooksey JA, 73
Corrêa FOB, 246
Costa CG, 376
Cox D, 34
Creugers NHJ, 318, 319
Critchlow H, 48
Croll TP, 150
Cueva MA, 120
Cune M, 364
Cury CC, 122
Cury PR, 165

D

Dahlén G, 161
Dammaschke T, 234
Danesh G, 105
Dash JK, 84
da Silva Filho OG, 91
da Silva Neto UX, 284
Davidovich E, 340
Davids H, 105
Davidson CL, 183
Davies GM, 253
Davies RM, 253
Deeming GMJ, 153
de Gee AJ, 182, 303
de Leeuw R, 287
de Melo RM, 301
Demirci M, 305

AUTHOR INDEX

Annual Index 2005

A

Abu-Serriah M, 48
Adams N, 128
Agamy HA, 192
Aimetti M, 377
Akaçan T, 386
Akarslan ZZ, 316
Akashi A, 114
Akkaya M, 56
Alfie D, 162
Alfthan G, 172
Al-Harbi SA, 331
Al-Hawajri AAN, 167
Ali HM, 147
Allara FW Jr, 155
Allemang JD, 164
Alley BS, 107
Alley LW, 107
Alsaadi G, 123
Aquilino SA, 371
Arcuri C, 90
Arheart KL, 363
Arici S, 205
Armstrong C, 22
Arslan A, 140
Asa R, 134
Assad AS, 312
Assael LA, 266
Attin T, 360
August MA, 306
Auluck A, 280
Avontroodt P, 46

B

Baca P, 101
Badaway MM, 312
Badel T, 32
Badovinac RL, 53
Bae K-S, 171
Baek S-H, 171
Bailey W, 68
Bakry NS, 192
Bales DJ, 43
Balshi TJ, 18
Baqain ZH, 81
Bare LC, 230
Barlattani A, 90
Barr A, 369
Barron T, 125
Barros RRM, 248

Bartels LL, 191
Basa S, 140
Başoğlu T, 185
Basrani B, 204
Batenburg RHK, 60
Baumgartner JC, 57
Becker CM, 109
Becker PJ, 373
Beirne OR, 307, 342
Bergdahl M, 251
Berkey DB, 4
Berkowitz RJ, 260
Berlin J, 353
Bernhardt O, 367
Bertelli E, 107
Bertini F, 352
Bertoli E, 287
Bhat KS, 280
Biber CL, 357
Bogren A, 249
Bolhuis HPB, 303
Boltchi FE, 120
Bonetti GA, 25
Bössmann K, 294
Brander P, 319
Bravo M, 101
Brochut P, 378
Broffitt B, 119, 256
Brown SA, 277
Brudvik JS, 29
Bsoul SA, 26
Bürklin T, 387
Burt BA, 315
Butterworth CJ, 86
Byck GR, 73

C

Campos LC, 117
Campus G, 235
Canbek K, 100
Caniklioglu C, 309
Carboni R, 235
Carlino P, 311
Carneiro E, 284
Caso A, 307
Castaldi CR, 150
Castellano JB, 311
Çelilk Ç, 231
Ceylan G, 185
Chai J, 35
Chambers MS, 308

Champagne CME, 52
Chang DJ, 121
Charles CH, 191
Chee WWL, 257
Cheng B, 51
Chen S-K, 384
Chen X-M, 143
Cherney K, 300
Cheung WS, 166
Cho GC, 257
Chu FCS, 35
Cilli R, 240
Claffey E, 117
Clark CI, 277
Clark S, 358
Clayton JA, 80
Cleland J, 190
Cobankara FK, 187
Coccia E, 227
Cochran DL, 45
Coll JA, 55
Colquhoun AN, 115
Cooksey JA, 73
Corrêa FOB, 246
Costa CG, 376
Cox D, 34
Creugers NHJ, 318, 319
Critchlow H, 48
Croll TP, 150
Cueva MA, 120
Cune M, 364
Cury CC, 122
Cury PR, 165

D

Dahlén G, 161
Dammaschke T, 234
Danesh G, 105
Dash JK, 84
da Silva Filho OG, 91
da Silva Neto UX, 284
Davidovich E, 340
Davids H, 105
Davidson CL, 183
Davies GM, 253
Davies RM, 253
Deeming GMJ, 153
de Gee AJ, 182, 303
de Leeuw R, 287
de Melo RM, 301
Demirci M, 305

Demoli N, 356
 Deporter DA, 109
 Desjardins PJ, 121
 Devereaux PJ, 15
 d'Hoedt B, 60
 Diefenderfer KE, 155
 Dodson TB, 170, 306
 Dominici JT, 358
 Donado JE, 204
 Dong H, 369
 Donly KJ, 311
 Dotson M, 116
 Duda S, 105
 Dundes L, 230
 Dworkin SF, 176

E

Ebisu S, 169
 Economides N, 39
 Eddie S-A, 288
 Ekberg E, 259
 Ekestubbe A, 189
 El-Dayem MAA, 312
 Elkind MSV, 317
 Elliot N, 357
 Ellwood RP, 253
 El-Mowafy O, 63
 Elter JR, 52
 Eminkahyagil N, 202
 Emshoff R, 241
 Engebretson SP, 317
 Epel L, 324
 Epstein JB, 338
 Ercoli C, 44
 Erkut S, 202
 Erten H, 316
 Estafan A, 368

F

Fayyad MA, 225
 Feilzer AJ, 303
 Felsenfeld AL, 269
 Fennis WMM, 50
 Ferguson MM, 115
 Ferrari MD, 310
 Fikackova H, 259
 Fine D, 338
 Finger IM, 345
 Fokkinga WA, 318, 319
 Folwaczny M, 180
 Fonzi F, 211
 Fransson AMC, 258
 Franzblau A, 299
 Freeman R, 288
 Fung L, 106
 Furnari PC, 368
 Fyalka T, 72, 92, 282, 326, 348

G

Gagnon Y, 127
 Gahan MJ, 347

Galhano GA, 301
 Galiatsatos AA, 350
 Gandara-Vila P, 217
 Garcia-Garcia A, 217
 Garvin J, 93, 200
 Gastaldo JF, 165
 Gater L, 275, 343
 Gell N, 299
 Geramy A, 237
 Gesch D, 367
 Giachetti L, 352
 Giancotti A, 90
 Gibney K, 274
 Glaros AG, 354
 Glick N, 314
 Goldberg F, 162
 Goldman KE, 146
 Goldstein G, 368
 Gonzalez J, 23
 Gooch BF, 68
 Gould A, 327
 Grace M, 136
 Graskemper JP, 151
 Gratton DG, 371
 Graves CE, 260
 Greenberg MS, 8, 133
 Griffin TJ, 166
 Grisi MFM, 248
 Gröndahl K, 189
 Grossi SG, 49
 Grossmann Y, 345
 Grubisa HSI, 173
 Guay AH, 267
 Guelmann M, 148
 Güler U, 385
 Gupta P, 83
 Gürkan CA, 56
 Gutarts R, 293

H

Haffaje AD, 249
 Hagi D, 109
 Hagiwara Y, 30
 Hallmon WW, 120
 Hansen PA, 184
 Harrel SK, 212
 Hartman GA, 45
 Hasturk H, 249
 Hawkins R, 41
 Hazelton LR, 43
 Heasman L, 233
 Hedström L, 251
 Hefti AF, 181
 Henry MA, 178
 Heo G, 173, 383
 Hildebolt CF, 116
 Ho AW, 49
 Ho C-C, 242
 Holtzman JM, 357
 Horie N, 281
 Hornung K, 292
 Hosein I, 244
 Hosoya Y, 160
 Huber MA, 26, 214

Hujoel PP, 16
 Hung L-K, 307
 Hupp JR, 135, 325
 Hyde N, 81

I

Imirzalioglu P, 202
 Inoue T, 160
 Inoue Y, 169
 Ireland AJ, 244
 Isçi AS, 252
 Isman BA, 4
 Ito K, 159
 Itthagarun A, 289

J

Jaeschke R, 15
 Jagger RG, 138
 Jamani KD, 225
 Jaques B, 14
 Jeansonne BG, 328
 Jia Y, 143
 Jiraviboon D, 380
 Johansson A, 258
 Johnson GH, 43
 Johnson JD, 164
 Johnson RB, 112
 Jones DW, 152
 Jonsson T, 54
 Jung M, 292
 Júnior F, 91

K

Kaidonis JA, 62
 Kajihara H, 126
 Kalender A, 111
 Kandasamy S, 271
 Kanehira T, 118
 Kaneko K, 174
 Kanno T, 304
 Kapp-Simon KA, 320
 Karlsson S, 255
 Katoh Y, 355
 Katz J, 148
 Kedici PS, 254
 Keen HJ, 308
 Kelly PJ, 128
 Kenyon BJ, 228
 Keret D, 167
 Kiliçarslan MA, 254
 Kilokouris I, 39
 Kim D, 36
 Kim J-S, 171
 King TR, 121
 Kinomoto Y, 169
 Kishida M, 159
 Kitchens GG, 107
 Klimek J, 292
 Knezevic A, 356
 Kokorikos I, 39
 Kok S-H, 209

Korszun A, 138
 Kraljević J, 32
 Kreiner B, 340
 Kreulen CM, 50, 319
 Krongnawakul D, 380
 Küçükşenmen HC, 254
 Kuijs RH, 50
 Kulkarni GK, 37
 Kupeyan HK, 80
 Kuzamanovic DV, 95, 272
 Kvist T, 161

L

Lallai MR, 235
 Lam EWN, 383
 Lamey P-J, 288
 Lamster IB, 317
 Landi D, 352
 Landi N, 113, 163
 Land MF, 40
 Lang R, 296
 Lauer H-C, 158
 Lauris RdMC, 91
 Lausten L, 354
 Lavelle C, 223
 Law A, 168
 Lee JS, 243
 Lee JY, 179, 186
 Lee M-S, 209
 Leknes KN, 372
 Leknius C, 228
 Leshem R, 298
 Levin R, 7
 Levy SM, 119, 256
 Lim DY, 363
 Lin C-H, 384
 Linden GJ, 22
 Lindhe J, 379
 Ling L-J, 242
 Lin JI, 250
 Lin LM, 75
 Locker D, 41
 Lombardi T, 14, 278
 Lo Muzio L, 311
 Long BC, 320
 Loomer P, 369
 Loushine RJ, 102
 Lynch K, 332

M

MacEntee MI, 314
 Mackert JR Jr, 124
 Mack F, 367
 Majzoub Z, 211
 Malki GA, 247
 Manfredini D, 113, 163
 Mannocci F, 107
 Marchetti C, 25
 Mardini M, 44
 Marklin RW, 300
 Marshall JG, 57
 Marshall KR, 290
 Martinez-Lage JL, 23

Martins WD, 20
 Martorelli de Lima AF, 122
 Matharu MS, 310
 Matheson PB, 58
 Matsumura H, 30, 286
 Matsuya Y, 114
 Matsuzaka K, 160
 Matteson SR, 6
 Matt GD, 235
 Matwychuk MJ, 220
 Mawani F, 383
 Mayer P, 127
 Mazor Z, 298
 McCracken GI, 233
 McGuire DE, 320
 McGwin G, 34
 McKee SA, 38
 Mehl A, 180
 Mehrotra B, 87
 Meijer HJA, 60
 Mejia JL, 204
 Melis M, 247
 Melo MD, 335
 Mendonça EA, 77
 Menezes LM, 117
 Menezes R, 284
 Menso L, 47
 Mentink AGM, 318
 Merkel U, 180
 Meskin LH, 133
 Messer H, 168
 Metin M, 140
 Miaton RA, 374
 Milillo L, 311
 Miller SO, 164
 Minesaki Y, 126
 Mishra L, 84
 Mittal N, 83
 Mohapatra M, 84
 Molander A, 161
 Molinaro JD, 155
 Mombelli A, 378
 Montebugnoli M, 374
 Monteith BD, 64
 Moore DJ, 184
 Moreira MAG, 232
 Morgano SM, 237
 Mori N, 375
 Morisson F, 127
 Moriyama K, 174
 Morkel J, 373
 Moschen I, 241
 Mostler KM, 191
 Mounir MMF, 192
 Muff DF, 243
 Muñoz MJ, 101
 Murray MJ, 102

N

Nackat D, 60
 Naert I, 123
 Nagano K, 286
 Najm SA, 278
 Nakashiro K, 215

Nakasima A, 375
 Nama Y, 281
 Napier S, 22
 Naylor AE, 362
 Nergiz I, 11
 Newbrun E, 315
 Newman L, 81
 Ngo H, 106
 Nielsen LA, 59
 Noble J, 41
 Norton EC, 186
 Novaes AB Jr, 248
 Novak MJ, 181
 Novotny AGA, 381
 Nusstein J, 117, 293, 353

O

Obeid G, 335
 Oda T, 219
 Offenbacher S, 52
 O'Hehir TE, 265
 Oh W, 42
 Oliver RJ, 91
 O'Malley S, 38
 Oncag G, 366
 O'Riordan BC, 144
 Oruç AM, 56
 Osborn J, 27
 Osorio R, 232
 Otomo-Corgel L, 250
 Ott K, 234
 Owens BM, 363
 Özdemir D, 283
 Özgünlaltay G, 231
 Oztürk N, 187
 Öztürk Y, 309

P

Pai KM, 9, 280
 Pai S-F, 75
 Palioto DB, 122
 Palmer J, 190
 Pan J-H, 384
 Park C, 36
 Pasciuta M, 345
 Pasley DH, 289
 Pavone AF, 239
 Payne AGT, 95
 Peccolo DC, 377
 Pemberton MN, 91, 153
 Peretz B, 340
 Perlman SP, 96
 Petropoulos VS, 18
 Peutzfeldt A, 59
 Pfeiffer P, 104
 Pieri F, 25
 Pilgram TK, 116
 Pilliar RM, 109
 Pillon FL, 246
 Pineda A, 23
 Pitts N, 70
 Piwowarczyk A, 158
 Plagnat D, 378

Plein T, 296
 Pogrel MA, 146, 243
 Polat NT, 283
 Polat S, 283
 Pollock A, 108
 Prakki A, 240
 Preshaw PM, 181, 233
 Proskin HM, 260
 Purton DG, 95
 Pussinen PJ, 172
 Putignano A, 227

Q

Quintão CC, 117
 Quirynen M, 46, 123

R

Raboud D, 173
 Raghoobar GM, 60
 Ramberg P, 379
 Rappelli G, 227
 Rashid RG, 40
 Ratka-Krüger P, 387
 Reader A, 117, 293, 353
 Recio L, 53
 Rhodus NL, 51
 Riha RL, 319
 Rinchuse DJ, 271
 Rishiraj B, 338
 Rissanen H, 172
 Rocha RG, 376
 Roitman M, 162
 Romagnoli M, 113
 Romani IG, 246
 Romano F, 377
 Romanos G, 331
 Rosenbauer E-U, 104
 Rosenberg TJ, 87
 Rosensteel SF, 40
 Rosentritt M, 296
 Rosier RG, 186
 Rosivack RG, 58
 Rossa Júnior C, 246
 Røynstrand IT, 372
 Royzman D, 53
 Rubo JH, 63
 Ruggiero SL, 87

S

Saad JOC, 240
 Sampaio JEC, 246
 Samson J, 278
 Sanders BJ, 108
 Santos GC Jr, 63
 Saraç YŞ, 185
 Sato S, 159
 Savage MG, 178
 Schacher B, 387
 Schäfer E, 234, 294
 Scheetz J, 358
 Scherrer SS, 239
 Schleyer TKL, 199, 206

Schmage P, 11
 Schmidt ER, 246
 Schmidt JE, 287
 Schroth R, 223
 Schulze RKW, 60
 Schünemann HJ, 15
 Scolozzi P, 14
 Sedaghatfar M, 306
 Sekino S, 379
 Seldin LW, 198
 Selvig KA, 372
 Sendyk WR, 165
 Servidio D, 374
 Shahin R, 11
 Shah PV, 179
 Sham ASK, 35
 Shelton P, 55
 Shen C, 42
 Shenkin JD, 119
 Sherriff M, 107, 244
 Shimoyama T, 281
 Shinkai K, 355
 Shintani S, 215
 Sigurdsson TJ, 54
 Silverman J, 58
 Simhon A, 167
 Smales R, 106
 Smales RJ, 62
 Smidt A, 98
 Smith TA, 290
 Soers C, 46
 Somoza-Martin M, 217
 Sorensen JA, 158
 Spinass E, 297
 Stanford CM, 365
 Staretz LR, 250
 Stavropoulos F, 148
 Steigmann M, 298
 Steinfert J, 47
 Steward WT, 38
 Strobl H, 241
 Strother JM, 235
 Sübay RK, 305
 Sudarshan S, 9
 Suhas S, 9
 Sunico MC, 355
 Suzuki H, 219
 Suzuki S, 126

T

Takahashi D, 118
 Takahashi T, 304
 Takehara J, 118
 Tanaka S, 30
 Tang CS, 362
 Tanoue N, 286
 Tan PLB, 371
 Tarle Z, 356
 Tarlow JL, 139
 Tay FR, 289
 Tegelberg A, 258
 Terajima M, 375
 Terakado N, 215
 Terezhalmay GT, 26
 Tezal M, 49

Theaker ED, 91
 Thompson SH, 277
 Thorpe JR, 235
 Timmerman MF, 47, 381
 Tognini F, 163
 Toledano M, 232
 Tomson PL, 86
 Topuz A, 252
 Topuz Ö, 316
 Torrado E, 44
 Torres MG, 20
 Tortamano IP, 376
 Tosun YS, 366
 Toth BB, 308
 Truelove E, 222
 Tsuijisawa T, 304
 Tuncer AV, 366
 Türkün M, 111
 Türkün S, 111
 Turner JA, 176

U

Unemori M, 114
 Ural Ç, 385
 Usumeiz A, 187

V

Valandro LF, 301
 Van der Bilt A, 364
 Van der Weigden GA, 381
 Van der Westhuijzen AJ, 373
 Van Duinen RNB, 182
 Van Kampem F, 364
 Van Vliet JA, 310
 Venezia E, 98
 Vennelle M, 319
 Vigolo P, 211
 Vij R, 55
 Vincent DG, 34
 Vold M, 78
 Vollmer D, 360
 Von Fraunhofer JA, 290
 Vy CH, 57

W

Waddell JN, 272
 Wahl MJ, 124
 Waldman HB, 96
 Waliszewski MP, 29
 Walker DA, 337
 Walmsley AD, 86, 347
 Walton JN, 314
 Walton SM, 73
 Wang T-M, 209
 Wara-aswpati N, 380
 Warren JJ, 256
 Wassell RW, 128
 Weddell JA, 108
 Welie JVM, 198
 Weller RN, 102
 Wennström JL, 189, 255
 Werner RA, 299

Whitters CJ, 48
Wiegand A, 360
Willershausen B, 100
Willhite C, 334
Williams B, 51
Williams JR, 42
Williams K, 354
Wiltshire WA, 223
Wiskott HWA, 239
Witt M, 234
Wolfinger GJ, 18

Wood N, 112
Wright JT, 179
Wu C-Y, 242

Y

Yang S-F, 75
Yared G, 37
Yazici AR, 231
Yilmaz F, 385
Yip KH-K, 62

Yi Y, 36
Yokota M, 219
Yokoyama K, 174
Yoldas O, 252, 386

Z

Zawawi KH, 247
Zhao Y-F, 143
Ziskind D, 98
Zurdo J, 255

SUBJECT INDEX

Annual Index 2005

A

Abutment screw, removal of fractured, 10
 Accessory foramina, in primary and permanent molars, 233
 Acellular dermal matrix graft, for root coverage, 248
 Acetic acid wash, with chemiluminescent illumination for detection of dysplasia, 25
 Actinomycosis, periapical, 328
 Adenocarcinoma, vs. metastatic lesions, 276
 Adhesives
 effect of caries-detection dyes on microleakage, 362
 self-etching
 on dried smear layer, bond strength with, 231
 orthodontic bracket bond strength with, 172
 permeability, 289
 postoperative sensitivity and, 113
 for sealing resected apices, 102
 Adolescents, with craniofacial conditions, social skills training for, 320
 Air abrasion, effects on dentin, enamel, and metal bonding, 126
 Air bags
 maxillofacial injury in frontal motor vehicle collisions and, 34
 temporomandibular joint symptoms and, 147
 Airborne contamination, control, 211
 Alcohol consumption, periodontitis and, 48
 Alveolar distraction
 horizontal, surgical techniques for, 215, 217
 for implant-supported restoration, 335
 Alveolitis sicca dolorosa (see Dry socket)
 Amalgam
 contribution to mercury pollution from, 152
 fracture resistance, 155
 health effects of mercury in, 124
 Amorolfine antifungal varnish, for denture-related stomatitis, 310
 Analgesia (see Pain management)
 Anesthesia
 (see also Conscious sedation; Pain management)
 articaine vs. lidocaine for intraligamentary injection in mandibular posterior teeth, 353
 articaine vs. lidocaine for maxillary infiltration, 375

 articaine vs. lidocaine for pulpal with inferior alveolar nerve block, 117
 local, vision loss with, 337
 Anticoagulants
 dentoalveolar surgery and, 340
 miconazole oral gel interaction with, 91
 Antifungal agents, interaction with anticoagulants, 91
 Anxiety, dental, 229
 Anxiety disorders, in bruxism, 112
 Apical leakage, with resin-based sealer, 38
 Articaine
 vs. lidocaine for intraligamentary injection, 353
 vs. lidocaine for maxillary infiltration, 375
 vs. lidocaine for pulpal anesthesia with inferior alveolar nerve block, 117
 Aspirin, increased bleeding on probing and, 53
 Atherosclerosis (see Cardiovascular disorders)
 Attachment systems, for implant-retained overdentures
 ball vs. bar, patient satisfaction with, 313
 low-profile, 343
 patient satisfaction and, 363
 Attention deficit hyperactivity disorder, bruxism and, 247

B

Bacterial endocarditis, evidence-based assessment of penicillins for prophylaxis, 162
 Behavioral issues
 approach to phantom bite, 137
 masking noises during dental treatment, 100
 patient preferences for control of dental anxiety, 229
 psychogenic-physical continuum view of burning mouth syndrome, 288
 screening for risk factors in chronic pain, 174
 Bisphosphonates, osteonecrosis of the jaws and, 87, 133, 334
 Bleaching
 effects on tooth hardness and restorative materials, 294
 subsurface microhardness of enamel and dentin after, 359
 Bond strength
 air abrasion and, 126

 of cementing agents to fixed prosthodontic restorative materials, 156
 composite to ceramic, effect of warm air silane drying on, 41
 latex glove contamination and, 108
 orthodontic bracket, with self-etching primer, 172
 of self-etch primer adhesive on dried smear layer, 231
 surface treatments to increase, 385
 Bone loss
 with implant-supported fixed partial dentures in periodontitis-susceptible patients, 187
 mandibular, in postmenopausal women, 115
 peri-implant, treatment approaches, 84
 Brush biopsy, for early oral cancer diagnosis, 132
 Bruxism
 in attention deficit hyperactivity disorder, 247
 psychic and occlusal factors, 112
 Bulimia, dentists' role in detection, 275
 Burning mouth syndrome, psychogenic-physical continuum view, 288

C

Calcium hydroxide
 as disinfectant against *E faecalis*, 294
 transportation of the apex after placement and removal, 161
 Calcium hydroxide-chlorhexidine
 as disinfectant against *E faecalis*, 294
 single- vs. two-visit treatment for postoperative pain after endodontic retreatment, 252
 Calcium phosphate, in root canal sealers, 170
 Calcium supplementation, mandibular bone loss in postmenopausal women and, 115
 Calculus deposits, periapical, 277
 Cantilever
 for fixed partial dentures, bone level change and, 254
 lingual arm, technique for, 78
 Carbohydrates, teenage obesity and reduced intake in childhood, 99
 Cardiovascular disorders
 (see also Congestive heart disease)
 abnormal bleeding in, 278

- panoramic radiographs for assessment of risk, 316
- periodontal treatment and risk of, 373
- periodontitis as risk factor, 171
- tooth loss and, 52
- Caries**
- detection
- dyes for, microleakage of, 362
- films and radiovisiography to detect approximal lesions, 316
- traditional vs. laser fluorescence methods, 105
- early childhood, aggressive surgical treatment, 259
- environmental tobacco smoke exposure and, 118
- prevention
- chlorhexidine-thymol varnish for, 101
- in older adults, 68
- phosphoric acid vs. self-etching sealants, bond strength to primary and permanent enamel, 58
- professionally applied topical fluoride for, varnish vs. foam, 40
- vital pulp therapy outcomes in primary teeth and, 54
- Carotid artery plaque, detection on panoramic radiographs, 316
- Cavity disinfectants, effect on dentin-bonding agents, 110
- Cements**
- effect of resin-based sealer on crown retention with different types, 43
- influence of fatigue loading on quality of the cement layer and retention strength, 301
- shear bond strength to fixed prosthodontic restorative materials, 156
- Ceramic restorations, effect of warm air silane drying on bond strength of composite repair, 41
- Chemiluminescent illumination, after acetic acid wash, for detection of dysplasia, 25
- Children (see Pediatric dentistry)
- Chlorhexidine rinse
- as disinfectant against *E faecalis*, 294
- vs. essential oil mouthrinse, antiplaque and antigingivitis activity, 190
- for prevention of dry socket, 307
- rinsing times and plaque inhibition, 381
- Chlorhexidine-thymol varnish, for caries prevention, 101
- Chronic pain, screening for psychosocial risk factors, 174
- Clinical decision support systems, for evidence-based dentistry, 76
- Cold testing, for endodontic diagnosis through full-coverage restorations, 163
- Cold therapy, effectiveness after third molar surgery, 372
- Color stability, in provisional prosthodontic resins, 35
- Composite restorations
- bleaching effects on, 294
- clinical considerations, biocompatibility, and occupational hazards, 123
- cuspal-coverage
- fatigue resistance, 49
- fracture resistance, 155
- direct, vs. full cast crowns for endodontically treated premolars, 107
- freehand, for diastema closure, 332
- influence of fatigue loading on quality of the cement layer and retention strength, 301
- interferometry for measurement of polymerization shrinkage, 356
- longevity in traumatically injured teeth, 296
- microleakage at dentin margins, 230
- proximal contacts of Class II esthetic direct, 239
- surface treatments to increase bond strength, 385
- tunnel vs. Class II, 169
- Computerized tomography (CT), annual whole-body, 6
- Condyle**
- reconstruction with a pedicled posterior mandibular border, 22
- shape distortion on panoramic radiographs, 381
- Conflict management, in the dental office, 281
- Congestive heart disease (see also Cardiovascular disorders)
- abnormal bleeding in, 278
- in periodontitis patients, relationship with tomato intake, 111
- Connectors, implant, fatigue resistance, 237
- Conscious sedation (see also Anesthesia)
- intravenous, midazolam vs. diazepam for, 250
- oral, regulation of, 200
- Conversion partial denture, clinical technique, 27
- Core restorations
- longevity, 317
- resin composite, post reinforcement and dimetral tensile strength, 62
- without cast crown coverings, 319
- Coronally advanced flaps
- with enamel matrix derivative for marginal tissue recession, 119
- mucogingival junction position after, 55
- Coronary heart disease (see Cardiovascular disorders)
- Coronectomy
- for avoidance of injury to inferior alveolar nerve, 242
- complication rate after, 143
- Craniofacial conditions, social skills training for adolescents with, 320
- Crestal bone remodeling, initial implant position and, 44
- Crohn's disease, oral ulcerations as sign of, 148
- Crown-lengthening procedure, premolar migration after, 96
- Crowns**
- adult facial growth and change of position in, 139
- cement-retained vs. screw-retained, 43
- full cast, vs. direct composite restorations for endodontically treated premolars, 107
- indirect composite partial coverage for restoration of anterior teeth, 225
- overlay metal-ceramic for fractured restoration, 349
- preveneered stainless steel, for primary anterior teeth, 179
- resin-based sealers and retention of, 42
- CT (computerized tomography), annual whole-body, 6
- Cutaneous sinus tracts, dental origin in diabetes, 153
- diagnosis and management, 81

D

- Dairy intake, increased in childhood, teenage obesity and, 99
- Dens invagination, nonsurgical endodontic treatment, 74
- Dental care delivery
- changes to meet future needs, 327
- online manuals for expanding, 4
- Dental education
- accreditation of foreign dental schools, 268
- changes in empathy during, 292
- changes to meet future needs, 327
- computerized assessment of writing skills, 357
- influence of dental licensure examination content on curriculum, 135
- Dental follicles, replantation after enucleation of an odontoma, 19
- Dental hygiene students, upper extremity symptoms in, 298
- Dental materials (see also Adhesives; Cements; Restorations)
- color stability in provisional prosthodontic resins, 35
- composite resin, microleakage at margins, 230
- giomer restorations, two-year clinical performance, 355
- interferometry for measurement of polymerization shrinkage, 356
- titanium-nickel alloy for removable partial denture clasps, retentive force maintenance with, 35
- Dental research, dissemination of results, 71
- Dental students, upper extremity symptoms in, 298
- Desulfurization (see Toothpaste)
- Dentigerous cyst, mediastinitis caused by, 140
- Dentin**
- bonding agents
- air abrasion and, 126
- composite resin, microleakage at margins, 230
- as direct capping agent, pulp tissue reactions, 304
- effect of cavity disinfectants on, 110
- permeability of single-step self-etch adhesives, 289

hypersensitivity
 fruit juices and, 245
 potassium oxalate gel for, 246
 triclosan dentifrice for, 380
 subsurface hardness after bleaching, 359

Dentistry
 as business vs. profession, 198
 diversity in, 324
 history of, 196
 National Health Information Infrastructure and, 205

Dentists
 gender and age differences in work patterns, 73
 occupational risks (*see* Occupational risks)
 prescription guidelines, 77
 role in screening for medical disease, 8

Dentures
 (*see also* Overdentures; Prosthodontics)
 alternative to PMMA for base, 285
 ball vs. bar attachment systems, patient satisfaction with, 313
 cantilever fixed partial
 bone level damage and, 254
 implant-retained, 109
 denture base pretreatment for prevention of microleakage of silicone-based resilient liner, 184
 hypoallergenic base materials for, 103
 modified metal-ceramic resin-bonded fixed partial, for incisor replacement, 29
 neutral zone impression technique, 346
 provisional fixed partial with nonparallel abutments, 223
 removable partial
 distal implants for modification of, 93
 retentive force maintenance with titanium-nickel alloy clasps, 35
 removable partial conversion, 27
 stomatitis with, amorolfine antifungal varnish for, 310

Diabetes, doxycycline local delivery for periodontitis in, 121

DIAGNOdent
 influence of tooth-polishing pastes and sealants on values, 159
 vs. traditional methods for fissure caries detection, 105

Diamond burs, disposable, effect of multiple uses on restoration leakage, 290

Diastema, closure with freehand composite, 332

Diazepam, vs. midazolam for conscious sedation, 250

Digital radiographs
 diagnostic accuracy for reproductions of, 186
 for estimation of ratio of supported root surface, 384

Disability insurance, evaluation of need for, 332

Diversity, in dentistry, 324

Dowel systems, microleakage of endodontically treated teeth with various, 187

Doxycycline
 local delivery for type 1 diabetics with periodontitis, 121
 subantimicrobial dose for enhanced results of scaling and planing in chronic periodontitis, 181
 topical, for nonsurgical periodontal therapy, 386

Drugs (*see* Pharmacology; Prescription drugs)

Dry socket
 chlorhexidine rinses for prevention of, 307
 single-dose metronidazole for prevention of, 251

Dysplasia, acetic acid wash with chemiluminescent illumination for detection of, 25

E

Eating disorders, dentists' role in detection, 275

Empathy, changes during dental school, 292

Enamel
 bleaching effects on hardness, 294
 bleaching effects on subsurface hardness, 359
 soft drink effects on, 366

Enamel matrix proteins, in nonsurgical periodontal treatment, 378

Endocarditis, evidence-based assessment of penicillins for prophylaxis in dentistry, 162

Endodontics
 (*see also* Root canal)
 antibacterial effectiveness of intracanal medicaments, evidence-based findings, 167
 heat generation by ultrasonic instruments, 358
 mandibular sagittal osteotomy for inferior alveolar nerve decompression following, 11
 microleakage of resin-based vs. carbon hydroxide-based sealer, 38
 nonsurgical decompression for large periapical lesions, 202
 nonsurgical treatment of dens invaginatus with large periradicular lesion, 74
 one-visit vs. two-visit treatment for postoperative pain after retreatment, 251
 one-visit vs. two-visit treatment of apical periodontitis, 160
 outcomes of performance by general dentists vs. specialists, 106
 periapical actinomycosis, 328
 pulpal anesthesia with inferior alveolar nerve block, effectiveness of, 117
 restoration of overflared root canal, 201
 thermal testing agents for diagnosis through full-coverage restorations, 163
 transportation of the apex after placement and removal of calcium hydroxide, 161

Er:YAG laser, for removal of partially impacted lower third molars, 47

Essential oil mouthrinse, vs. chlorhexidine mouthrinse, antiplaque and antigingivitis activity, 190

Esthetic dentistry
 bleaching effects on tooth hardness and restorative materials, 294
 removable appliance intrusion for incisal edge discrepancy, 204
 subsurface microhardness of enamel and dentin after bleaching, 359

Estrogen replacement therapy, mandibular bone loss and, 115

Etoricoxib, vs. oxycodone/acetaminophen for acute postoperative pain, 120

Evidence-based dentistry
 clinical decision support systems and, 76
 for common practices, 264
 dentistry and the National Health Information Infrastructure, 205
 dissemination of results, 71
 full cast crowns vs. direct composite restorations for endodontically treated premolars, treatment outcomes, 107
 for implants, 361
 levels of clinical significance in, 15
 occlusal factors and muscle disorders of stomatognathic system, 163
 for occlusion and TMJ disorders, 270
 for penicillin prophylaxis for bacterial endocarditis, 162
 tooth-colored vs. metal restorations, dentists' selection for themselves, 39

Evidence-based medicine, as model for decision making, 14

Expanded polytetrafluoroethylene sutures, vs. silk sutures, human gingival tissue reactions, 371

Extraoral sinus tracts, diagnosis and management, 81

Extraoral tooth eruption, case report, 83

F

Facial sinus (*see* Cutaneous sinus tracts)

Ferrules, in vitro fracture resistance with varying heights and configurations, 369

Fiber posts, flexural strength of, 300

Fibrefill sealer, vs. calcium hydroxide-based sealer, microleakage with, 38

Finger rests, use during dental tasks, 368

Fluoride
 for caries prevention in older adults, 68
 effect on orthodontic wires, 173
 enamel concentrations with fluoride product use, 235
 mouthrinses, plaque regrowth and, 56
 preeruptive vs. post-eruptive, 314, 315
 professionally applied topical, varnish vs. foam, 41
 seasonal/climatic changes in intake, 255
 varnish, remineralization after application, 311

Fracture resistance
 with ferrules of varying heights and configurations, 369

of fiber posts, 300
of inlay-retained restorations, 253
of restorative materials, 155
Fruit juices, dentin hypersensitivity and, 245

G

Gallstones, nut intake and, 228
General dentists, vs. specialists, outcomes of endodontic procedures performed by, 106
Gingiva
 enlargement, with verapamil therapy, 309
 recession (*see* Periodontics; Periodontitis)
Gingivitis
 antiplaque and antigingivitis activity of mouthrinses, 190
 aspirin intake and increased bleeding on probing in, 53
 ibuprofen for prevention of, 379
Giomers restorations, two-year clinical performance, 355
Glass ionomer restorations
 clinical considerations, biocompatibility, and occupational hazards, 123
 in situ transformation into enamel-like material, 182

H

Halitosis
 "air bag" test for, 9
 habitual mouth breathing in children and, 118
 tongue cleaning and microbial load, 43
 yogurt for prevention of, 286
Hand washing, alcohol-based gels for, 33
Helicobacter pylori, in dental and endoscopy devices, 166
Hemorrhage, post-extraction, in a cardiac patient, 278
Hemostasis agent, for periradicular surgery, 57
Herbal supplements, surgery and, 154
Herpesvirus infection, periodontitis severity and, 241
Hypersensitive dentin (*see* Dentin, hypersensitivity)
Hypoallergenic denture materials, residual monomer in, 102

I

Ibuprofen, for gingivitis and plaque formation, 379
Impacted teeth
 (*see also* Third molars)
 miniscrew for forced eruption of mandibular second molar, 88
Implants
 bone loss with, in periodontitis-susceptible patients, 187
 for cantilever fixed partial dentures, 10-year results, 109
 cement-retained vs. screw-retained crowns supported by, 43

designs for implant-supported molar crown, 236
distal, for modification of removable partial denture, 93
effect of vertical and horizontal distances on incidence of interproximal papilla, 164
fatigue resistance of connectors, 237
fractured abutment screw, removal of, 10
fractured body, management of, 273
horizontal alveolar distraction for
 placement of, 215, 217
impression techniques for multiple internal connection prostheses, 210
initial position and crestal bone remodeling, 44
intrusion of natural tooth bounded by prostheses, 206
lingual arm cantilevers with, 78
for mandibular overdentures, comparison of systems, 59
mini-, for reconstruction of missing teeth in severe ridge deficiency and small interdental space, 297
multiple maxillary anterior, nonsurgical management of interdental papilla associated with, 329
occlusal issues, 364
peri-implant bone loss, treatment approaches, 84
in posterior areas with reduced bone height, 165
replacement of molar with two, 16
self-retaining surgical templates in the edentulous patient, 271
short, surface geometry and, 108
single-unit vs. conventional treatment for compromised teeth, 361
subperiosteal mandibular, 183
Impressions
 neutral zone technique, 346
 plastic stock tray distortion with high-viscosity materials, 257
 techniques for multiple internal connection prostheses, 210
Incisor
 edge discrepancy, removable appliance intrusion for, 205
 modified metal-ceramic resin-bonded fixed partial denture for replacement of, 29
Infection control
 for airborne contamination, 211
 antibacterial effectiveness of intracanal medicaments, evidence-based findings, 167
 atmospheric contamination during ultrasonic scaling, 46
 bacteria on neckties, 33
 complications of Ludwig's angina, 80
 Helicobacter pylori in dental and endoscopy devices, 166
Inferior alveolar nerve
 coronectomy for avoidance of injury to, 242

decompression, mandibular sagittal osteotomy for, 11
panoramic radiography for prediction of exposure following third molar extraction, 305
Inflammatory bowel disease, oral ulcerations as sign of, 148
Infrared thermography, as diagnostic tool for TMJ arthralgia, 258
Interferometry, for measurement of polymerization shrinkage, 356
Interproximal papilla
 effect of vertical and horizontal distances on incidence, 164
 regenerated, in multiple adjacent teeth restoration, 329
Intracanal medicaments, antibacterial effectiveness, 167
Intracoronary resorption, pre-eruptive, 338
Inventory management, just in time systems, 7
Inverted teeth, extraoral ectopic eruption, 83

J

Just in time model, inventory management, 7

L

Labial appliances, vs. lingual appliances, discomfort with, 308
Laser Doppler flowmetry, for prediction of vitality of luxated or avulsed permanent teeth, 240
Laser fluorescence
 influence of tooth-polishing pastes and sealants on values, 159
 vs. traditional methods for fissure caries detection, 105
Lasers
 dental applications, 274
 Er:YAG, for removal of partially impacted lower third molars, 47
 in peri-implantitis, 331
Latex glove, effect of contamination on bond strength of resin to enamel, 108
Lichen planus, oral (*see* Oral lichen planus)
Lidocaine
 vs. articaine for intraligamentary injection, 353
 vs. articaine for maxillary infiltration, 375
 vs. articaine for pulpal anesthesia with inferior alveolar nerve block, 117
Light-curing units, intrapulpal temperature and, 104
Lingual appliances, vs. labial appliances, discomfort with, 308
Lingual arm cantilevers, technique, 78
Lipiodol UF, retention after dental sialography, 283
Local anesthesia (*see* Anesthesia)
Ludwig's angina, complications of, 80
Lycopene, relationship to congestive heart failure in periodontitis patients, 111

M

- Malocclusion
 - (see also Occlusion)
 - evidence-based vs. experience-based views, 270
 - in TMJ disorders
 - clinical symptoms and, 367
 - quantification of relative risk, 162
- Mandible
 - atrophied edentulous, subperiosteal implants for, 183
 - metastatic malignant mesothelioma in, 215
- Mandibular advancement therapy, for sleep apnea
 - adverse occlusal effects, 257
 - occlusion disruption patterns following, 63
- Mandibular bone mass, effects of calcium and vitamin D supplementation with and without estrogen replacement therapy, 115
- Mandibular condyle, reconstruction with a pedicled posterior mandibular border, 22
- Mandibular cyst, mediastinitis caused by, 140
- Mandibular overdentures (see Overdentures)
- Mandibular sagittal osteotomy, for inferior alveolar nerve decompression, 11
- Mandibular third molar (see Third molars)
- Marketing techniques, for dental practices, 342
- Maxillofacial injury, in frontal motor vehicle collisions, effect of air bags on, 34
- Mediastinitis, as complication of infected mandibular cyst, 140
- Medicaid, dental expenditures for WIC participants, 185
- Medical data, online storage services, 33
- Medical disorders
 - (see also Oral medicine)
 - oral presentation of sarcoidosis, 21
 - role of dental professionals in screening for, 8
- Medicare, dental care coverage, 96
- Medications (see Pharmacology)
- Mediterranean diet, metabolic syndrome and, 269
- Memory lapses, exercises for prevention of, 260
- Mercury
 - in amalgam, health effects of, 124
 - dental contribution to pollution, 152
- Mesothelioma, metastatic malignant, in the mandible, 215
- Metabolic syndrome, Mediterranean diet and, 269
- Metal hypersensitivity, orthodontic treatment and, 116
- Methamphetamine, effects and dental considerations, 348
- Metronidazole, for prevention of dry socket, 251
- Miconazole oral gel, interaction with warfarin, 91
- Midazolam, vs. diazepam for conscious sedation, 250
- Mineral trioxide aggregate (MTA)
 - vs. formocresol as pulp-capping agent in pulpotomized primary teeth, 190
 - gray, two-step technique for apical barrier, 234
 - for repair of supracrestal perforation, 284
- Mini-implants, for reconstruction of missing teeth in severe ridge deficiency and small interdental space, 297
- Model, three-dimensional head, 374
- Molars
 - accessory foramina in primary and permanent, 233
 - infra-occluded primary, onlay restoration of, 350
 - mandibular
 - designs for implanted supported, 236
 - second, miniscrew for forcing eruption of, 88
 - ultrasonic irrigation in addition to hand/rotary canal cleaning, 293
 - pre-eruptive intracoronary resorption, 338
 - replacement with 2 implants, 16
 - third (see Third molars)
- Mood disorders, in bruxism, 112
- Mouth breathing, habitual in children, halitosis and, 118
- Mouthguard, custom-fitted sports, for orthodontic patients and children with transitional dentition, 148
- Mouthrinses
 - amine fluoride/stannous fluoride vs. antimicrobial host protein, effect on plaque regrowth, 56
 - antiplaque and antigingivitis activity, 190
- MTA (see Mineral trioxide aggregate)
- Mucogingival junction, position after coronally repositioned flap procedures, 55
- Musculoskeletal disorders
 - in dental and dental hygiene students, 298
 - dental work postures and, 299
- Mutans streptococci, pilocarpine for reduction of in xerostomia, 307

N

- National Health Information Infrastructure, dentistry and, 205
 - National Museum of Dentistry, 196
 - Neckties, bacteria on, 33
 - Neuropathic pain
 - dental management, 221
 - vs. odontogenic pain, differential diagnosis, 219
 - Nickle-titanium rotary instruments, accuracy of
 - Nouvag torque control motor for, 36
 - Noise, masking during dental treatment, 100
 - Noncarious cervical lesions, occlusal wear and, 367
 - Nonsteroidal anti-inflammatory drugs (NSAIDs), preoperative, for decreased postoperative pain, 176
 - Nouvag Micromotor TCM Endo 2, accuracy for torque control of nickle-titanium rotary instruments, 36
 - Nutrition
 - alcohol consumption and periodontitis, 48
 - dentists' role in detection of eating disorders, 275
 - effects of soft drinks on shear bond strength of orthodontic brackets and enamel, 366
 - elimination of soft drinks in schools, 99
 - Mediterranean diet and metabolic syndrome, 269
 - nut intake and gallstones, 228
 - teenage obesity and reduced carbohydrate intake in childhood, 99
 - tomato intake and congestive heart failure in periodontitis patients, 111
 - Nuts, gallstone formation and, 228
- ## O
- Obesity treatment, as part of dental practice, 99
 - Obstructive sleep apnea (see Sleep disorders)
 - Occlusal splints
 - effect on sleep apnea, 126
 - lower stabilizing vs. nonoccluding control, 127
 - Occlusal surfaces, polishing methods for, 290
 - Occlusal wear facets, noncarious cervical lesions and, 367
 - Occlusion
 - (see also Malocclusion)
 - evidence-based vs. experience-based views, 270
 - implant restorations and, 364
 - Occupational risks
 - evaluation of need for disability insurance, 332
 - upper extremity disorders in dental and dental hygiene students, 298
 - use of finger rests during dental tasks, 368
 - work postures in dentists and dental hygienists, 299
 - Odontogenic abscess, complications of, 80
 - Odontogenic cyst, mandibular third molar impaction due to, combined surgical-orthodontic approach to extraction, 23
 - Odontogenic pain, vs. neuropathic pain, 219
 - Odontoma, dental follicle replantation after enucleation of, 19
 - Older adults
 - fluoride for caries prevention in, 68
 - Medicare coverage of dental care for, 96
 - Online manuals, for expanding dental care delivery, 4
 - Oral biology
 - apoptotic cells in saliva and oral carcinoma, 51
 - calcium phosphate-based root canal sealers, 170
 - effects of platelet-rich plasma on cell proliferation and differentiation, 303
 - inflammation with dentin bonding agent as direct capping agent, 304
 - replantation of dental follicles after enucleation of an odontoma, 19
 - Oral cancer
 - adenocarcinoma not otherwise specified, 276
 - apoptotic cells in saliva and, 51
 - early diagnosis, 132

Oral conscious sedation, regulation of, 200
(*see also* Conscious sedation)

Oral health care delivery, changes to meet future needs, 327

Oral infections, complications of, 80

Oral lichen planus
differential diagnosis and clinical management, 212
xerostomia in, 115

Oral-maxillofacial surgery
alveolar distraction for implant-supported restoration, 335
cold therapy after third molar surgery, effectiveness of, 372
condylar reconstruction with a pedicled posterior mandibular border, 22
coronectomy for avoidance of injury to inferior alveolar nerve, 242
horizontal alveolar distraction, surgical techniques for, 215, 217
impaction due to dentigerous cyst, combined surgical-orthodontic approach to extraction, 23
panoramic radiography for prediction of inferior alveolar nerve exposure following third molar extraction, 305
peri-implant bone loss treatment, 84
as surgical speciality, 325

Oral medicine
aspirin and increased bleeding on probing, 53
chlorhexidine rinses for prevention of dry socket, 307
dysplasia detection by acetic acid wash with chemiluminescent illumination, 25
mandibular bone mass in postmenopausal women, effects of calcium and vitamin D supplementation with and without estrogen replacement therapy, 115
osteonecrosis of the jaws and bisphosphonate therapy, 87, 133, 334
periodontal treatment and risk of coronary heart disease, 373
periodontitis as stroke risk factor, 171
pilocarpine for xerostomia in cancer patients, 307

Oral pathology
adenocarcinoma vs. metastatic lesions, 276
extraoral inverted eruption of inverted teeth, 83
herpesvirus infection and periodontitis severity, 241
lichen planus, differential diagnosis and clinical management, 212
mediastinitis caused by infected mandibular cyst, 140
oral presentation of sarcoidosis, 21
ranulas, clinical categories and surgical management, 141
xerostomia in oral lichen planus, 115

Oral ulcers, as sign of Crohn's disease, 148

Orthodontics
autotransplantation of premolars in hypodontia, 53
bracket bond strength with self-etching primer, 172

discomfort with lingual vs. labial appliances, 308
effect of fluoride on alloy wires, 173
enamel loss with self-etching primers, 244
metal hypersensitivity in, 116
miniscrew for forced eruption of impacted mandibular second molar, 88
performance measures, 222
soft drink effects on shear bond strength of orthodontic brackets, 366
space preserved for delayed lower second premolar, 90
three-dimensional computer-generated head model for, 374

Osteogenesis, alveolar distraction procedures for, 215, 217, 335

Osteomyelitis, of the jaws, bisphosphonate therapy and, 87

Osteonecrosis, of the jaws, bisphosphonate therapy and, 87, 133, 334

Overdentures
(*see also* Dentures; Prosthodontics)
implant-retained
attachment systems and patient satisfaction with, 363
low-profile attachments for, 343
systems for, 59
ten-year report, 122
mucosa-supported vs. combined mucosa-implant-supported, 312

P

Pain management
(*see also* Anesthesia)
acute postoperative, etoricoxib vs. oxycodone/acetaminophen for, 120
odontogenic vs. neuropathic, 219
preoperative NSAIDs for decreased postoperative pain, 176
screening for psychosocial risk factors, 174

Panoramic radiographs
for assessment of atherosclerosis risk, 316
condylar shape distortion on, 381
for prediction of exposure of inferior alveolar nerve following third molar extraction, 305

Parafunctional behaviors
attention deficit hyperactivity disorder medications and, 247
temporomandibular joint disorders and, 354

Partial dentures (*see* Dentures)

Patient education, strategy for smoking cessation, 37

Pediatric dentistry
attention deficit hyperactivity disorder medications and parafunctional activity, 247
caries control and vital pulp therapy outcomes in primary teeth, 54
custom-fitted sports mouthguard, 148
dental care coverage for uninsured children, 96
early caries, aggressive surgical treatment, 259

environmental tobacco smoke exposure and caries in children, 118
habitual mouth breathing and halitosis in children, 118
Medicaid dental expenditures for WIC participants, 185
mineral trioxide aggregate vs. formocresol as pulp-capping agent in pulpotomized primary teeth, 190
oral ulcerations as sign of inflammatory bowel disease, 148
plaque removal using powered vs. manual toothbrushes, 58
pre-eruptive intracoronar resorption in children, 338
preveneered stainless steel crowns for primary anterior teeth, 179
reduced carbohydrate consumption, teenage obesity and, 99
soft drink restrictions in schools, 99
space preservation for delayed lower second premolar, 90
vacuum-formed splint for support of luxated tooth, 280

Peri-implant bone loss
guided bone regeneration for, 84
laser treatment, 331

Periodontics
acellular dermal matrix for root coverage, 248
atmospheric contamination during ultrasonic scaling, 46
coronally advanced flaps plus enamel matrix derivative for marginal tissue recession, 119
coronary heart disease risk and, 373
effect of ultrasonic scaling on titanium surfaces, 159
mucogingival junction position after coronally repositioned flap procedures, 55
nonsurgical treatment
enamel matrix derivative in, 378
management of gingival recession, 376
topical doxycycline for, 386
working parameters and root surface roughness after ultrasonic scaling, 180

Periodontitis
alcohol consumption and, 48
apical, one-visit vs. two-visit treatment, 160
bone loss with implant-supported fixed partial dentures in patients susceptible to, 187
cardiovascular disease and, 52
doxycycline for
local delivery for type 1 diabetics with, 121
subantimicrobial dose for enhanced results of scaling and planing, 181
topical, 386
human herpesvirus infection and severity of, 241
nonsurgical management, 376, 378
stroke risk and, 171
subgingival microbial profiles in different geographic locations, 249

Periradicular lesion, with dens invaginatus, nonsurgical endodontic treatment, 74

Periradicular surgery, hemostasis agent for, 57

Phantom bite, coping strategies for patients, 137

Pharmacology

- amorolfine antifungal varnish for denture-related stomatitis, 310
- anticoagulants and dentoalveolar surgery, 340
- doxycycline for enhanced results of scaling and planing in chronic periodontitis, 181
- doxycycline for nonsurgical periodontal therapy, 386
- doxycycline local delivery for type 1 diabetics with periodontitis, 121
- etoricoxib vs. oxycodone/acetaminophen for acute postoperative pain, 120
- ibuprofen for gingivitis and plaque formation, 379
- metronidazole for prevention of dry socket, 251
- miconazole oral gel interaction with warfarin, 91
- midazolam vs. diazepam for conscious sedation, 250
- prescription guidelines for dentists, 77
- verapamil and gingival enlargement, 309

Physical activity, listening to music during, 154

Pilocarpine, for xerostomia in cancer patients, 307

Plaque

- amine fluoride/stannous fluoride vs. antimicrobial host protein mouthrinses for prevention of regrowth, 56
- antiplaque and antigingivitis activity of mouthrinses, 190
- chlorhexidine rinsing times and inhibition of, 381
- ibuprofen for prevention of, 379
- removal by powered vs. manual toothbrushes in young children, 58

Plastic stock trays, distortion with high-viscosity impression materials, 257

Platelet-rich plasma, effects on cell proliferation and differentiation, 303

Polishing, methods for occlusal surfaces, 290

Polymerization shrinkage, interferometry for measurement of, 356

Poly(methyl methacrylate) (PMMA), alternative for patients with sensitivity to, 285

Polytetrafluoroethylene sutures, vs. silk sutures, human gingival tissue reactions, 371

Porcelain crowns, fracture resistance of screw-retained vs. cement-retained, 43

Posts

- light-transmitting and glass fiber-reinforced, microhardness with, 386
- for reinforcement of resin composite cores, 62

Potassium nitrate, with triclosan, for dentin hypersensitivity, 380

Potassium oxalate gel, for dentin hypersensitivity, 246

Practice management

- conflict management in the office, 281
- data protection measures, 326
- disability insurance, 332
- effective accounting procedures, 71
- just in time inventory management systems, 7
- marketing techniques, 342
- performance measures in orthodontics, 222
- prices, production, and profits, 267
- selection of a banker, 26
- spa features added to dental office, 93
- standard of care, 150
- straight six scheduling system, 92
- technology for, 134
- technology integration for, 199

Pre-molar(s)

- autotransplantation of, 53
- delayed second, space preserved during orthodontic treatment, 90
- full cast crowns vs. direct composite restorations for endodontically treated, 107
- migration after crown-lengthening procedure, 96

Prescription drugs (see also Pharmacology)

- consumer advertising for, 265
- guidelines for dentists, 77

Preventive dentistry

- antiplaque and antigingivitis activity of mouthrinses, 190
- chlorhexidine rinsing times and plaque inhibition, 381
- fluoride varnish and remineralization, 311
- plaque reduction by amine fluoride/stannous fluoride vs. antimicrobial host protein mouthrinses, 56
- plaque removal by powered vs. manual toothbrushes in young children, 58
- triclosan/copolymer dentifrice for control of plaque and gingivitis, 252
- triclosan dentifrice for dentine hypersensitivity, 380

Primary teeth

- caries control and vital pulp therapy outcomes in, 54
- onlay restoration of infra-occluded molar, 350
- preveneered stainless steel crowns for anterior, 178
- pulpotomized, mineral trioxide aggregate vs. formocresol as pulp-capping agent, 190

Primers, self-etching

- enamel loss with, 244
- orthodontic bracket bond strength with, 172

Prostate disorders, red wine and, 266

Prosthetic dentistry, color stability in provisional, 35

Prosthetics

- (see also Dentures; Overdentures)
- color stability in provisional prosthetic dentistry resins, 35

denture base pretreatment for prevention of microleakage of silicone-based resilient liner, 184

fracture resistance of inlay-retained restorations, 253

implants for mandibular overdentures, comparison of systems, 59

subperiosteal mandibular implants, 183

titanium-nickel alloy for removable partial denture clasps, retentive force maintenance with, 35

Psychosocial issues (see Behavioral issues)

Public health

- dental care coverage for uninsured elderly and children, 96
- dental contribution to mercury pollution, 152
- Medicaid dental expenditures for WIC participants, 185
- mercury in amalgam, health effects of, 124
- methamphetamine effects and dental considerations, 348
- preeruptive vs. post-eruptive fluoride exposure, 314, 315
- seasonal/climatic changes in fluoride intake, 255

Pulp capping, inflammation caused by dentin-bonding agent for, 304

Pulp chamber, temperature rise induced by light-curing units, 104

R

Radiography (see also Panoramic radiographs)

- diagnostic accuracy for reproductions of digital radiographs, 186
- in vitro carious lesion detection on D-, E-, and F-speed radiographic films, 60

Radiovisiography, for detection of approximal caries, 316

Ranulas, clinical categories and surgical management, 141

Red wine, prostate disorders and, 266

Removable partial dentures (see also Dentures)

- conversion, 27
- distal implants for modification of, 93
- retentive force maintenance with titanium-nickel alloy clasps, 35

Repetitive motion injuries, finger rest use during dental tasks and, 368

Restorations

- amalgam alternatives, clinical considerations, biocompatibility, and occupational hazards, 123
- ceramic, effect of warm air silane drying on bond strength of composite repair, 41
- Class II esthetic direct, proximal contacts of, 239
- composite (see Composite restorations)
- composite resin core with nonmetallic prefabricated posts, dimetral tensile strength of, 62
- core (see Core restorations)

effect of bleaching on composite materials, 294

effect of cavity disinfectants on sealing ability of nonrinsing dentin-bonding resins, 110

fracture resistance of materials for, 155

fractured, overlay metal-ceramic crown for, 349

giomer, two-year clinical performance, 355

inlay-retained, fracture resistance of, 253

microleakage of endodontically treated teeth with different dowel systems, 187

onlay, for infra-occluded primary molar, 350

polishing methods for occlusal surfaces, 290

self-etching adhesives and postoperative sensitivity, 113

surface treatments to increase bond strength, 385

tooth-colored vs. metal, dentists' selection for themselves, 39

Retractor, for lower third molar surgery, 145

Root canal
(*see also* Endodontics)

addition of ultrasonic irrigation to hand/rotary cleaning in mandibular molars, 293

antibacterial effectiveness of intracanal medicaments, evidence-based findings, 167

gray material trioxide aggregate apical barrier, two-step technique, 234

microleakage with resin-based vs. calcium hydroxide-based sealers, 39

one-visit vs. two-visit treatment of apical periodontitis, 160

restoration of overflared, 201

self-etching adhesives for sealing resected apices, 102

supracrestal perforation, mineral trioxide aggregate for repair of, 284

transportation of the apex after placement and removal of calcium hydroxide, 161

Root surface area, digital radiographs for estimation of, 384

Root surface treatment, nonsurgical, 376

S

Sagittal split osteotomy, for inferior alveolar nerve decompression, 11

Saliva, oral carcinoma and apoptotic cells in, 51

Samuel D. Harris National Museum of Dentistry, 196

Sarcoidosis, oral presentation, 21

Scaling, ultrasonic (*see* Ultrasonic scaling)

Scheduling systems, straight six, 92

Sealants
influence on DIAGNodent values, 159

phosphoric acid vs. self-etching, bond strength to primary and permanent enamel, 58

Sealers
calcium phosphate-based, newly developed, 170

microleakage with resin-based vs. calcium hydroxide-based, 39

resin-based, crown retention and, 42

Sedation (*see* Anesthesia)

Sedation, conscious (*see* Conscious sedation)

Self-etching adhesives
on dried smear layer, bond strength with, 231

enamel loss with, 244

orthodontic bracket bond strength with, 172

permeability, 289

postoperative sensitivity and, 113

for sealing resected apices, 102

Sialography, retention of lipiodol UF after, 283

Silk sutures, vs. expanded polytetrafluoroethylene sutures, human gingival tissue reactions, 371

Sinuses
cutaneous facial tract caused by infection from dental trauma in diabetes, 153

extraoral, diagnosis and management, 81

Sleep disorders
adverse effects of mandibular protruding device for, 257

cephalometric comparison of patients with their siblings, 319

cephalometric values for prediction of adverse occlusal effects, 63

effect of occlusal splint for temporomandibular disorders, 126

Smear layer, effect of hydrated status on wettability and bond strength of self-etching primer to dentin, 231

Smoking, environmental exposure and caries in children, 118

Smoking cessation, strategy for, 37

Soft drinks
effects on shear bond strength of orthodontic brackets and enamel, 366

elimination in schools, 99

Sonicare toothbrushes, Elite vs. Advance, 232

Spa features, in dental practice, 93

Special Supplemental Nutrition Program for Women, Infants, and Children (WIC), Medicaid dental expenditures for participants, 185

Splint, temporary occlusal acrylic, as preprosthetic therapy in temporomandibular joint disorder, 31

Standard of care, factors influencing, 150

Stomatitis, amorolfine antifungal varnish for denture-related, 310

Stress
control of time and, 136

temporomandibular joint disorders and, 287, 354

Stroke (*see* Cardiovascular disorders)

Surface geometry, effect on short dental implants, 108

Surgical template, for implant placement in the edentulous patient, 271

Sutures, silk vs. expanded polytetrafluoroethylene, human gingival tissue reactions, 371

T

Television, lower test scores and, 352

Temporomandibular joint disorders
after air bag deployment, 147

auscultation of sounds via external auditory meatus, 227

evidence-based vs. experience-based views, 270

infrared thermography as diagnostic tool for arthralgia, 258

malocclusion and functional occlusion with symptoms of, 367

minimally invasive approach, 189

occlusal splints for
effect on sleep apnea, 126

lower stabilizing vs. nonoccluding control, 127

occlusal variables in, quantification of relative risk, 162

parafunctional behaviors, stress, and emotions in, 354

preprosthetic therapy using a temporary occlusal acrylic splint, 31

traumatic stressors in, 287

Thermal testing, for endodontic diagnosis through full-coverage restorations, 163

Third molars
cold therapy after extraction, effectiveness of, 372

coronectomy for avoidance of injury to inferior alveolar nerve, 242

Er:YAG laser for removal of partially impacted, 47

impaction due to dentigerous cyst, combined surgical-orthodontic approach to extraction, 23

intentional partial odontectomy for preservation of mandibular nerve, 143

panoramic radiography for prediction of exposure of inferior alveolar nerve following extraction, 305

periodontal defects after extraction, 169

preoperative NSAIDs for decreased postoperative pain, 176

retractor for, 145

Tissue healing, platelet-rich plasma effects on cell proliferation and differentiation, 303

Titanium implants, effects of ultrasonic scalers on, 159

Titanium-nickel alloy
effect of fluoride on, 173

for removable partial denture clasps, retentive force maintenance with, 35

Tomatoes, congestive heart failure in periodontitis patients and intake of, 111

Tongue cleaning, microbial load and, 46

Tooth
extraoral inverted eruption, 83

fractured, longevity of composite restorations in, 296

luxated, vacuum-formed splint for support of, 280

luxated or avulsed, laser Doppler flowmetry for prediction of vitality, 240

Tooth-colored restorations, vs. metal, dentists' selection for themselves, 39

Tooth impaction, combined surgical orthodontic approach, 23

Tooth loss, cardiovascular disease and, 52

Tooth-polishing pastes, influence on DIAGNOdent values, 159

Toothbrushes

- powered vs. manual for young children, plaque removal and, 58
- Sonicare Elite vs. Sonicare Advance, 232

Toothpaste

- triclosan, for dentin hypersensitivity, 380
- triclosan/copolymer, for control of plaque and gingivitis, 252

Torque control motors, accuracy with nickle-titanium rotary instruments, 36

Trauma

- laser Doppler flowmetry for prediction of vitality of luxated or avulsed permanent teeth, 240
- longevity of composite restorations in injured teeth, 296
- vacuum-formed splint for support of luxated tooth, 280

Triclosan

- for control of plaque and gingivitis, 252

- for dentine hypersensitivity, 380

Trigeminal neuralgia

- dental management, 221
- vs. odontogenic pain, 219

Tunnel restorations, resin-based composite, 168

U

Ultrasonic instruments, heat generation by, 358

Ultrasonic irrigation, after hand/rotary canal cleaning for mandibular molars, 293

Ultrasonic scaling

- atmospheric contamination during, 46
- effect on titanium surfaces, 159
- working parameters and root surface roughness after, 180

Umbilical cord, delayed clamping and newborn health, 154

Upper extremity disorders

- in dental and dental hygiene students, 298
- finger rest use during dental tasks and, 368

V

Verapamil, gingival enlargement and, 309

Vital pulp therapy, in primary teeth, caries control and, 54

Vitamin D supplementation, in postmenopausal women, mandibular bone loss and, 115

W

Warfarin

- dentoalveolar surgery and, 340
- interaction with miconazole oral gel, 91

Wear data, dental restorative materials, clinical application of, 61

WIC (see Special Supplemental Nutrition Program for Women, Infants, and Children)

Work postures, in dentists and dental hygienists, 299

Writing skills, of dental students, computerized assessment, 357

X

Xerostomia

- in cancer patients, pilocarpine for relief of, 307
- in oral lichen planus, 115

Y

Yogurt, for bad breath prevention, 286